



The AMERIFLO vertical inline product line has a very diverse hydraulic, third party certified coverage. With third party certified flows from 50 GPM through 1,500 GPM, the vertical inline product line is perfectly suited for installations where lower flows are needed in a compact footprint. State of the art design and manufacturing techniques allow AMERIFLO to offer a diversity in available products. The use of computational fluid dynamics and solid works software generates a design that is highly efficient and has a very compact foot-print.

All product is designed using 3D modeling to make the most efficient use of space at the job site. These products are fully compliant with NFPA 20 and are available in a variety of third party certified materials for sea water applications.



TYPICAL INSTALLATIONS:

- Residential buildings
- Commercial
- Hospitals
- Hotels
- Schools & colleges
- Airports
- Office buildings

TYPICAL APPLICATIONS:

- Water curtains
- Sprinkler
- Monitor systems
- Water curtains



SERIES 5020

MODEL VI

CLOSE-COUPLED VERTICAL INLINE

Sizes: 2" to 6" Discharge
Flows: 50 GPM to 1,500 GPM
Heads: 40 PSI to 198 PSI
Temp: To 250°F

Services:
Fire Protection

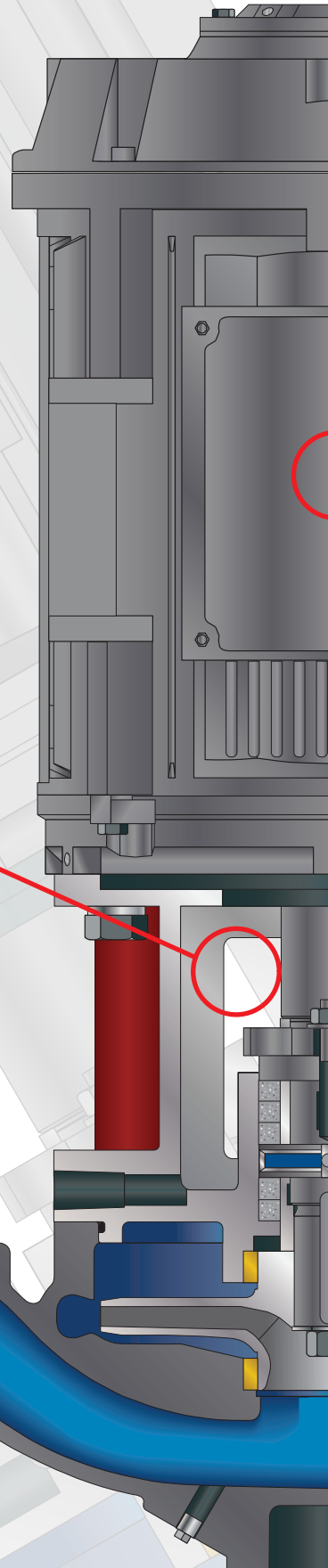


COUPLING GUARD

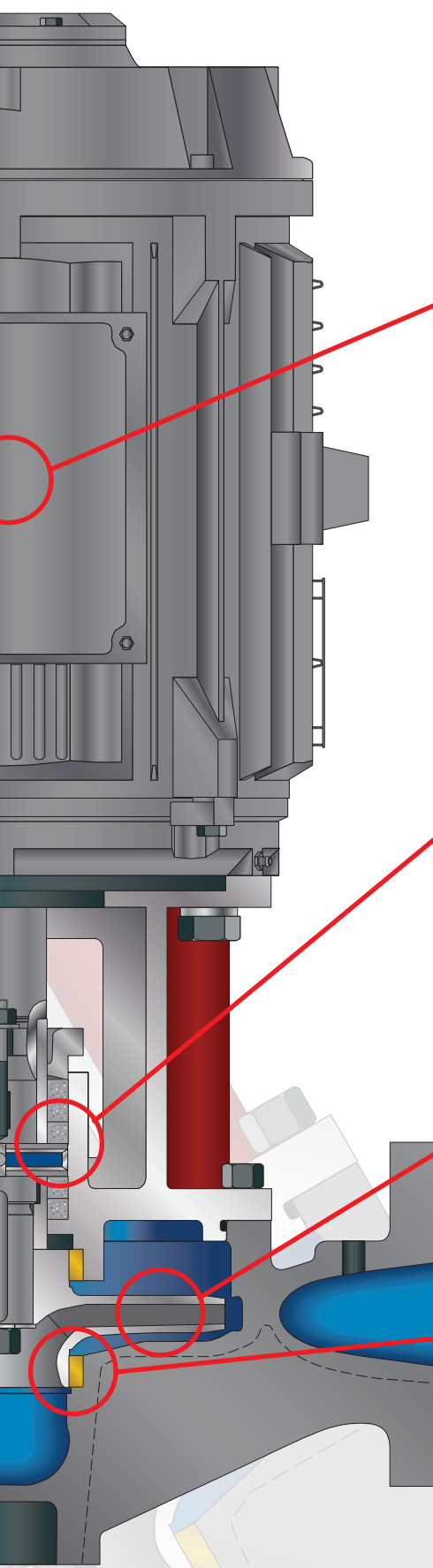
- 304 stainless steel coupling guard provides complete safety from the entire packing gland assembly
- Easily removable for packing adjustment or replacement

CASING

- Supplied standard in ASTM A536 ductile iron
- Heavy wall thickness for corrosion allowance and high pressure applications
- Centerline suction & discharge makes system installation very easy
- Cast integral vortex suppressor on suction inlet designed to reduce vortexing of fluid prior to it entering the impeller eye
- Threaded taps for gauges and pressure relief valve
- Back pull-out construction allows for rotating assembly maintenance without the need to disconnect suction or discharge piping
- Suction & discharge gauge package with 304 stainless steel buffer tube, fittings and ball valves
- Suction and discharge flanges supplied in 125 PSI rating with optional 250 PSI upon request



AMERIFLO
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MOTOR

- Standard and readily available JP frame motor
- Available in ODP or TEFC enclosures
- All voltages available (115, 208, 230, 380, 460 & 575 volt)
- 50 or 60 cycle motors available for installation in any country

REAR COVER

- Supplied standard with graphite braided packing
- Flush port ensures that the 304 stainless steel lantern ring has adequate lubrication provided to the packing
- Investment cast, 304 stainless steel gland assembly and shaft sleeve as standard construction
- Shaft deflector provided to stop packing leakage from entering motor assembly
- Stuffing box basin has drilled and tapped drain for connection to waste

IMPELLER

- Supplied standard in investment cast, 304 stainless steel
- Machined and dynamically balanced prior to assembly
- Hydraulically balanced to minimize axial thrust

CASE WEAR RING

- Supplied standard in bronze or other specified alloy
- Wear ring can be easily removed and replaced to renew factory running clearances

